IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
REVOCATION AND APPOINTMENT OF POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned Educational Testing Service, who is the assignee of the entire right, title, and interest of all patent applications identified in schedule A attached hereto, having its principal place of business at 666 Rosedale Road, Princeton, New Jersey 08541, hereby revokes any and all Powers of Attorney heretofore granted in connection with the patent applications identified in Schedule A attached hereto, and appoints Joseph Melnik (48,741), Jamison Lynch (41,168), Victoria Friedman (58,853), Joseph Mahoney (38,956), Lawrence Pope (26,791), Vera Nackovic (59,388), Clifford Maier (59,526), Michael Molano (39,777), Deborah Schavey Ruff (33,770), and William Healey (36, 160), all of the firm Mayer, Brown, Row, and Maw LLP, and all of the other attorneys associated with customer no. 26565, located at 71 S. Wacker Drive, Chicago, Illinois 60616, as its attorneys, with full power of substitution and revocation, to prosecute each matter, to transact all business in the Patent and Trademark Office in connection therewith, to receive all documents from the Patent and Trademark Office.

Pursuant to 37 C.F.R. 3.73(b), the undersigned establishes that Educational Testing Service is the assignee for the patent applications identified in Schedule A, as evidenced by the assignment records of the Office located at the corresponding reel/frame numbers in Schedule A. Evidence of any unrecorded assignments are also concurrently being submitted in another document for recordation pursuant to § 3.11.

Further, the undersigned, who is authorized to sign and execute documents for Educational Testing Service, requests that all correspondence from the Patent and Trademark Office concerning these issued patents and patent applications be addressed to the address associated with customer number 26565.

By: Sheree Johnson-Gregory

Name: Sheree Johnson-Gregory

Title: Associate General Counsel

Date: 9-04-2007

SCHEDULE A

TITLE	APPLICATION. NO.	PUBLICATION/ PATENT NUMBER	REEL/ FRAME
Method and System For Calibrating Evidence Models	11/170649	2006-0003303	016717/0325
Method For Estimating Examinee Attribute Parameters in Cognitive Diagnosis Models	10/924069	2006-0040247	015831/0907
Method For Estimating Examinee Attribute Parameters in a Cognitive Diagnosis Model	11/100364	2005-0222799	015927/0929
A Tree-Based Approach to Proficiency Scaling and Diagnostic Assessment	09/629374	6,484,010	011121/0222
Apparatus and Method For Close-Elide Testing	06/587356	4,547,161	004274/0680
System and Method For Computer-Based Automatic Essay Scoring	09/120427	6,181,909	009736/0177
System and Method For Computer-Based Automatic Essay Scoring	09/693210	6,366,759	012144/0265
System & Method For Computer Based Test Creation	08/826417	6,259,890	011743/0296
System & Method For Computer Based Test Creation	09/777836	6,442,370	012204/0010
Test Discrimination And Test Construction For Cognitive Diagnosis	11/202764	2006-0035207	016693/0286
Computerized System For Scoring Constructed Responses And Methods For Training, Monitoring, And Evaluating Human Rater's Scoring Of Constructed Responses	09/045621	5,991,595	009244/0542
Method And System For Receiving Responses Utilizing Digital Pen And Paper	10/847268	2004-0259067	015085/0278
Image Digitizer W/Page Number Detector & Recorder	08/789700	5,869,789	009462/0719
Optical Document Scanning And Mark Sensing	07/385382	5,004,896	005138/0558
Methods And Systems For Presentation And Evaluation Of Constructed Responses Assessed By Human Evaluators	09/916810	6,526,258	012094/0471
Centralized System And Method For Administering Computer Based Tests	08/415757	5,513,994	007673/0253
System And Method For Computer	09/020755	6,000,945	009776/0353

Based Test Assembly			
System And Method For Computer Based Creation Of Tests Formatted To Facilitate Computer Based Testing	10/123819	2002-0182579	013605/0228
System And Method For Computer Based Creation Of Tests Formatted To Facilitate Computer Based Testing	10/856908	2005-0250087	015405/0311
Method And System For Controlling Item Exposure In Computer Based Testing	08/629365	5,841,655	007946/0287
Machine-Interpretable Figural Response Testing	07/382716	5,011,413	005161/0213
Machine-Interpretable Figural Response Testing	07/691396	5,211,564	005719/0046
A Tree-Based Approach To Proficiency Scaling And Diagnostic Assessment	09/215685	6,144,838	010858/0585
Consolidated Online Assessment System	10/098636	2003-0175677	013025/0470
System And Method For Interactive Scoring Of Standardized Test Responses	08/828247	6,115,683	009121/0074
System And Method For Interactive Scoring Of Standardized Test Responses	08/870182	6,120,299	009092/0505
System And Method For Interactive Scoring Of Standardized Test Responses	09/489210	6,234,806	010607/0735
System And Method For Computer Based Testing	08/082058	5,565,316	006650/0126
System And Method For Computer Based Testing	08/485628	5,827,070	009044/0882
Method And System For Generating And Processing An Assessment Examination	10/951068	2005-0255439	015852/0132
System And Method For Automated Testing Of Writing Skill	09/290900	6,254,395	009992/0527
Methods For Automated Essay Analysis	10/948417	2005-0042592	15830/0918
Consolidated Online Assessment System	10/948985	7,162,198	015830/0430
A New Lexical Association Metric For Knowledge-Free Extraction Of Phrasal Terms	11/100362	2005-0222837	016222/0336
Method And System For Text Retrieval For Computer-Assisted Item Creation	11/328962	2006-0155528	017446/0472
Method And System For Assessing	11/328651	2006-0155538	017461/0007

Pronunciation Difficulties Of Non-Native Speakers			
Method And System For Detecting Off-Topic Essays Without Topic-Specific Training	11/347060	2006-0172276	017579/0383
Model Scaling For An Automated Essay Scoring System	11/364165	2006-0194183	017632/0474
Method And System For Automated Item Development For Language Learners	11/358795	2006-0190242	017609/0839
Designing Adaptive, Diagnostic Math Assessments For Sighted And Visually Impaired Students	11/359232	2006-0286533	018060/0024
Automated Essay Scoring	11/460413	2006-0286540	018295/0377
Online Essay Evaluation System	09/045622	5,987,302	009248/0197
Consolidated Online Assessment System	11/617782	2007-0105084	018698/0261
System and Method For Computer Based Creation of Tests Formatted to Facilitate Computer Based Testing	10/967642	2005-0153269	015826/0292
Methods and Systems For Presentation and Evaluation of Constructed Responses Assessed By Human Evaluators	09/381545	6,295,439	010569/0264
Image Processing System	07/287483	5,001,769	005007/0468
Method And System For The Automatic Generation Of Speech Features For Scoring High Entropy Speech	10/945150	2006-0074655	015775/0692
Establishing Text Coherence Using Discourse Chunking And Sentence Similarity	10/974133	2005-0143971	015753/0150
Computer-Based Simulation Examination of Architectural Practice	08/811890	6,056,556	010373/0893
Automated Test Item Generation System & Method	10/822426	2004-0253569	015166/0142
Computer-Based Method & System For Linking Records in Data Files	09/345825	6,658,412	010326/0556
Portal Assessment Design System For Educational Testing	10/677186	2004-0076930	014676/0319
Systems And Methods For Testing Over A Distributed Network	10/712938	2004-0221013	014706/0764
Method And System For Computer-Assisted Test Construction Performing Specification Matching During Test Item Selection	10/731776	2005-0125196	015143/0076

Systems And Methods For Computer-Based Testing Using Network-Based Synchronization Of Information	09/901797	2002-0028430	012190/0786
Automated Essay Scoring System	10/974530	2005-0142529	015761/0294
Accessibility Of Tests Within A Validity Framework	11/054019	7,217,134	015858/0172
Interactive Group Communication System	07/694650	5,263,869	013852/0499
Method And System For Online Teaching Using Web Pages	09/760267	6,898,411	013495/0747
Automated Essay Scoring	10/319623	7,088,949	014112/0206
Methods For Automated Essay Analysis	10/176534	7,127,208	015774/0955
Methods For Conducting Server-Side Encryption/Decryption-On-Demand	10/626103	2004-0181668	015842/0043
Systems And Methods For Computer-Based Testing Using Network-Based Synchronization Of Information	10/611724	2004-0106088	014807/0852
Method And System For Computer-Assisted Test Construction Performing Specification Matching During Test Item Selection	11/299363	7,165,012	017320/0412
Optical Scanner Threshold Setting Method And Sheet	07/616134	5,194,966	005516/0587
System And Method For Picture Image Processing Employing Transformation Of Picture Data	08/230882	5,434,931	007271/0101
Method And System For Evaluating Vocabulary	11/379488	2006-0240390	017503/0133
Method And System For Interactive Computer Science Testing, Analysis And Feedback	07/807008	5,259,766	006163/0409
Methods For Automated Essay Analysis	10/052380	6,796,800	012689/0879
Remote Teaching System	08/112103	5,437,555	013852/0495
Method And Apparatus For Online Teaching And Learning	09/250687	6,302,698	013852/0497
Latent Property Diagnosing Procedure	09/838129	6,832,069	013518/0193
Free Response Test Grading Method	07/362262	4,978,305	005087/0848
Computerized Method And System For Teaching Prose, Document And Quantitative Literacy	08/190349	5,893,717	007066/0703
System And Method For Evaluating Applicants	10/244072	2004-0053203	013588/0789
System For Rating Constructed Responses Based On Concepts And A	10/125440	2003-0200077	012845/0849

Model Answer			
Method And System For Receiving And Analyzing An Electronic Personal Statement	10/830670	2005-0240455	015261/0728
Automated Annotation	11/465896	2007-0077542	018151/0035
Remote Computer Capabilities Querying and Certification	09/781248	7,092,987	012253/0752
Latent Property Diagnosing Procedure	10/970795	2005-0123893	013518/0193
Method and System For Online Teaching Using Web Pages	11/102994	2005-0233296	013495/0747
Computerized Mastery Testing System, a Computer Administered Variable Length Sequential Testing System For Making Pass/Fail Decisions	07/428383	5,059,127	005728/0184
Method & Apparatus For Administration of Computerized Adaptive Tests	08/249662	5,657,256	6139/ 0785-0787
Equation Editor	10/775301	2004-0157203	014984/0101
Cooccurrence and Constructions	10/915881	2005-0049867	015407/0877
System and Method For Parallel Conversion, Compilation, and Distribution of Content	10/627381	2005-0021859	014346/0896
Method and System For Performing Image Mark Recognition	10/760850	2005-0157930	019693/0208
Automated Evaluation of Overly Repetitive Word Use In an Essay	10/713863	2004-0194036	014711/0653
Portal Assessment Design System For Educational Testing	10/913777	2005-0170325	015718/0898
Method & System For the Automatic Generation of Speech Features For Scoring High Entropy Speech	11/678508		015775/0692